APPENDIX II

"Data on Employment of People with Disabilities"

Using Applicants to DRS in FY 2000 to Determine the Employment Patterns of Persons with Disabilities who Achieve Various Medicaid-Waiver Earnings "Tiers"

A Report in Partial Fulfillment of Deliverable 5 Prepared for:

Medicaid Infrastructure Grant Project Virginia Department of Medical Assistance Services

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with Disabilities who Achieve Various Medicaid-Waiver Earnings "Tiers" Using Applicants to DRS in FY 2000 to Determine the Employment Patterns of Persons

Medicaid-Waiver Earnings Tier Section I - Examining the Earnings Paths of DRS Applicants who Achieved the Minimum

Sample Selection and Defining the Minimum Earnings Tier

three primary disabling conditions of physical, cognitive, and mental illness, which would result in stratifications. Finally, if the sample sizes allow it, there would be one further stratification by the provision" (Status 26 and 28 closures) waiver proposal It was decided to use the FY 2000 DRS applicant cohort, stratified into one of who were in the treatment group) 24 tables presenting earnings tiers (e.g., persons with mental illness, receiving only DI benefits, four more groupings -- DI only, SSI only, concurrent, and neither This now results in eight "withdrawals" and "dropouts" (Status 08 and 30 closures) who did not receive significant VR former group includes those closed "rehabilitated" and "not rehabilitated after significant service two treatment statuses, which will be designated as "treatment" and "comparison" groups to examine the number of persons who met the various earnings "tiers" discussed in the Medicaid At a meeting on March 12, DMAS, DRS, and BDER staff discussed the sample selection criteria The analysis was further stratified by SSA disability benefit payment status, resulting in The comparison group consists of those closed as

classification of physical, cognitive, or mental illness persons with substance abuse listed as their primary disabling condition from further earnings profiles of persons with mental illness, the decision was made to eliminate the 451 "closed" from DRS by November of 2003 1 Given the DMAS specific interest in comparing the services in state FY 2000 was limited to a targeted population of 9,349 persons who had been In order to obtain "treatment" and "comparison" groups the sample of applicants for DRS This restricted the analysis to 8,898 persons with either a primary impairment

the sum of the \$20 of "excluded" SSI income plus the \$65 earnings "ceiling" This converts to the maximum that can be earned and still be eligible for full SSI/Medicaid benefits. This figure is \$255 per quarter, which is how VEC earnings are reported The "tiered" employment concept uses a minimum threshold of \$85 in monthly earnings. This is

invalid social security numbers which then could not be "cross-matched" with VEC earnings was also reduced by 93 persons who applied twice during the same year and 129 persons with a closure status ¹This eliminated 840 persons who were still "active" in VR and therefore had not reached The sample of 10,411 "cases" who originally applied for services in FY 2000

covers the period from July 1, 1999 through June 30, 2003 to DRS in any one of the four quarters comprising FY 2000, the earnings profile time frame application in which a person could have potentially had earnings consists of the quarter in which application took place2 followed by 12 quarters post VRirrespective of SSA status or disability classification. The first level of analysis looks at the post-VR-application earnings for all 8,898 persons, Examining the Earnings Paths for All DRS Applicants who Reached the Minimum Tier The time frame for examining earnings Given that persons could apply

reach the minimum threshold in any of these 13 quarters. Another 3,172 cases, or 35 6% of the sample frame, had earnings in the quarter of application that exceeded the \$255 threshold. Since the first post, VR-application quarter for this quarter (of \$2,305) were some \$800 greater than for those who reached the threshold in already exceeded the \$255 quarterly earnings threshold in the application quarter their earnings earning above the minimum threshold prior to applying for VR services Indeed, if a person had this cohort as "achieving" the threshold in this quarter many of these individuals had secured employment prior to applying for VR one cannot think of subsequent quarters interval, 2) what were their earnings in this quarter; and 3) what were their earnings in reach this \$255 minimum earnings threshold in their particular 13-quarter post-VR-application The first table (Table 1) in the following series addresses the issues of: 1) when did an individual The first item to note is that 2,674 persons, or 30% of the sample, did not It is more likely that they had been

of persons with earnings above the \$255 threshold declines to 80.4% in the second quarter and application quarter almost continuously declines in subsequent quarters to only 51 7% by the 12th post-VRthe threshold in the first quarter following application for VR services. Notice that the percentage second row provides the earnings for the 869 persons (9.7% of the overall sample) who exceeded in the portion of the cohort exceeding the threshold in subsequent quarters. For instance, the in a given row exceeded the threshold in that quarter There is almost universally a steady decline earnings threshold. The first item to note is that, by definition, 100% of the cohort in the first cell heading in the very first column indicates which quarter in which the person exceeded the \$255 had earnings that achieved the threshold sometime in the first through twelfth quarters? The So what do the earnings profiles look like for the roughly one-third of the original sample who

alternative explanation is that the lower-earnings group dropped below the threshold or even post-VR-application quarter more than doubled, from \$1,500 to \$3,039 over the 12 quarter previous quarter The quarterly earnings for those applicants reaching the threshold in the first On the other hand, the earnings levels in subsequent quarters are almost uniformly higher than the This could indicate that if a person worked they earned more in subsequent quarters

post-VR application earnings for the first quarterly interval of that year calendar year 2000 would have one month of pre-VR application earnings and two months of person who applied for DRS services on February 1, 2000 and worked in the three months of ²Some of which earnings are likely to be pre-VR-application earnings For instance, a

subsequent quarters, which explains why the average quarterly earnings rise over time became unemployed in subsequent quarters. As a result, only higher-earning individuals are left in

earnings of \$2,065³ exception is for persons who reached the threshold in the 10th quarter, who had abnormally high was surpassed resulted in overall quarterly earnings in the \$1,200 - \$1,500 range Moving down the diagonal reveals that earnings in the first quarter in which the \$255 threshold

Issues in Examining Earnings Tiers According to SSA Disability Benefits Status

group not receiving significant VR services) results in 24 different tables treatment groups (i.e., a "treatment" group receiving significant VR services, a "comparison" only, concurrent), three impairment groupings (i.e., physical, cognitive, mental illness), and two stratifications detailed above. The combination of four SSA statuses (i.e., neither, SSI only, DI earnings tier threshold of \$255 in quarterly earnings was attained, but for the various The remainder of the tables in the series presents the same examination of when the initial

Plan drawn up then the VR central office undertakes a verification process with SSA to ascertain counselor If the person is determined eligible for VR services and has an Individual Employment the time of application for VR an individual reports their SSA disability benefits to the VR determining whether a person who applies for VR services is receiving SSA disability benefits that the person is indeed on the SSA rolls Another level of complexity must also be considered. There are two different procedures for Α

applicants who are not accepted for services or who withdraw prior to an eligibility determination the other hand SSA benefit verification is not undertaken for the significant portion of VR approach, as applicants often mis-report or are unaware of their SSA disability benefit status using only those who are verified will not capture this cohort While not receiving VR, this cohort is clearly of interest to DMAS if they are indeed on the SSA There are trade-offs to either approach. There is significant response error in the self-report VR would not have their SSA status verified If these individuals are indeed on the SSA rolls, (nor were awaiting a decision on a recent application for DI or SSI) at the time of application for Additionally, those individuals who reported they were not receiving SSA disability benefits On

be based on the results of the verification process. Of course, this means that there are twice the number of tables The first one will be based on the self-report status at the time of application and the second will Thus, there are two different ways to report what a person's SSA disability benefit status may be

earnings information for those persons who were self-reported (referred to as "Status) as receiving neither DI or SSI Pages 2 and 3 compare the minimum earnings threshold for The tables are presented in Appendix A as follows The first six tables, on pages 2-7, present the

³We will check on the 73 individuals with these earnings to see if there is some anomaly

the individual's SSA Status receiving DI benefits and pages 20-25 for those receiving both SSI and DI (i.e., concurrents) earnings for those with mental illness This same series of six groupings is provided on pages 8-13 for persons who self-report receiving SSI benefits Similarly, pages 14-19 are for those The same tables are presented on pages 26-49, but using the "verification" procedure to ascertain the same information for those persons with cognitive impairments, pages 6 and 7 provide the treatment and comparison groups for the cohort with physical disabilities. Pages 4 and 5 provide

Earnings above the Minimum Earnings Threshold Examining the Earnings Paths for the Cohort with Mental Illness on the SSI Rolls who Achieved

SSA status, are presented on pages 36 and 37, and provided here as Tables 2 and 3 for the comparison and treatment groups, using the "verification" procedure for determining their One group of particular interest to DMAS is the SSI recipients with mental illness

each in the second, fifth, and tenth quarters the remaining seven who achieved the threshold, four did so in the first quarter, as did one person are indicated then for whether one, two, or all three persons are employed in a given quarter. Of VR application The reported employment rates (i.e., percent with earnings) and earnings levels 30 of whom never reached the \$255 earnings threshold in the 13 quarters of application and postis the resulting small sample sizes. It turns out there are 40 individuals in the comparison group, get VR services (i.e., the treatment group). One of the inherent problems with such stratifications viewed as a comparison group with which to contrast the employment patterns of those who do receiving SSI disability benefit payments and yet did not receive VR services. They are to be VR application Table 2 provides the earnings paths for persons with mental illness who are verified by DRS to be Three of the ten who reached the threshold had achieved these earnings prior to

seventh post-VR application quarter. The quarterly earnings levels, for those working in a given quarter, initially increase to \$1,318 by the fourth post-VR quarter. There is then a drop-off to any of the 13 quarters More than 30% of those achieving the \$255 threshold (28 of 93) has done individuals), since 80 people never had earnings that exceeded the minimum earnings threshold in table reports the percentage with earnings and earnings levels for just over half of this cohort (93 only \$785 by the 10th quarter, at which time earnings increase through the 11th and 12th rates, dropping from 100% (by model assumption) in the initial quarter down to 50% in the so by the quarter of acceptance for DRS services. Note the fairly steady decline in employment The earnings paths for the 173 treatment group members are provided in Table 3 quarters

quarters 2-12. This is no doubt attributable to the small sample sizes in each group employment and earnings for the other 47 people who exceeded minimum threshold earnings in in the first post-VR quarter to almost \$3,000 by the last quarter ninth quarter the same drop-off in employment rates, as the percentage with any earnings dipped to 50% by the The 18 people with earnings exceeding the \$255 threshold in the first post-VR quarter experience The earnings levels for this group are the highest overall, rising from under \$1,000 There is little trend in the

Section II - Examining the Earnings Paths for those who Reached the Maximum Medicaid-Waiver Earnings Tier

wage of \$5 15 per hour, or \$103 per week (or \$1,339 per quarter) "minimum employment target", which is defined as 20 hours of work per week at the minimum any point in the given 13-quarter period those who reached the initial earnings tier and then did not move on to the higher earnings level at higher threshold of earnings Conversely, there is also interest in examining the earnings paths of of persons who achieved the initial earnings tier of \$255 per quarter and then went on to reach a Another DMAS/DRS concern was to identify the earnings path (i.e., progression or deterioration) The latter threshold, or second earnings tier, is the

the first threshold went on to achieve the second tier of earnings in the 13-quarter interval following three years (i.e., 12 more quarters) Some 5,084 (almost 82%) of this group reaching earnings during the 13-quarter interval that includes the quarter of application for VR and the of these individuals, or roughly 70%, ever reached the initial earnings tier of \$255 in quarterly 2000 with either a physical, cognitive, or mental impairment Recall from Table 1 that only 6,224 We will begin the analysis using the "All Cases" cohort of 8,898 individuals who applied in FY

well in that quarter application must have also earned, by definition, more than the maximum threshold of \$1339 as the maximum threshold the minimum of \$255 in the quarter of VR application have up to 12 quarters in which to reach the minimum earnings threshold in any one of thirteen quarters People who have already attained subsequent earnings are no longer a consideration. It must also be noted that people can reach cohort reaching the threshold in that quarter maximum threshold Accordingly, the table provides only the cumulative percentage of the given threshold is reached subsequent quarters could be greater, less than, as well as the same as in the quarter in which the that once the maximum earnings threshold is reached in a given quarter, earnings in any to move from the minimum earnings threshold to the maximum earnings threshold quarter or in different quarters Table 4 is concerned with the amount of quarters, if any, it takes Of course the group achieving both earnings thresholds could reach these thresholds in the same Rather, the only point of interest is how long did it take for an individual reach the In order to reduce the complexity of the analysis, the earnings levels are not People reaching the minimum threshold in the 12th quarter after VR Once the threshold is achieved, that person's Recognize

persons reaching the minimum threshold in the first post-VR application quarter to only 41 4% reached the maximum threshold. These percentages drop from 79 9% (694 out of 869) for minimum threshold note there is a fairly steady decline in the percentage of persons who ever persons reaching both thresholds 89.5% of the total. As we move down the second column there is a decline in the number of time of application for VR and who subsequently reached the higher earnings threshold corresponding entry in the previous table) who had already reached the minimum threshold at the The first row of the table pertains to the 2,840 persons out of a total of 3,172 (from the (24 out of 58) for those who reached the maximum threshold in the last quarter Taking the corresponding percentage of the totals reaching the

threshold by two quarters following VR application Moving to the last column note that, by construction, 100% of this cohort (i.e., all 2,840) had reached the higher earnings threshold by the earnings threshold for the first time in this last quarter means that the remaining 0.4% (or 11 individuals) had earnings that exceeded the maximum people) had earned at least the maximum threshold by the 11th quarter post-VR application this persons, reached the higher earnings threshold in the second quarter, so that 85% had reached this 63 8% plus 15.2%) had reached this threshold by the first quarter. Thus the column entry in the "1" quarter after application" indicates that a total of 79% (i.e., 2,840 individuals reached the higher earnings threshold in the first quarter after VR application earnings threshold in the quarter of VR application Another 15.2% (or 341 persons) of these the first row) of the 2,840 who reached the minimum, were already achieving the higher \$1,339 Returning to the first row, some 1,812 individuals, comprising 63 8% (as shown in the first cell in , or last possible, quarter subsequent to VR application Since 99 6% of the cohort (or 2,829 An additional 6%, some 170

minimum) then increases through the 12th quarter, when, by definition, 100% reached both diagonal (i.e., persons who reach the maximum threshold in the same quarter they reached the reached the minimum occurs in the sixth quarter after VR application lowest percentage -- 38.7% -- reaching the maximum threshold in the same quarter as they reached the maximum threshold in the same quarter they exceeded the minimum threshold diagonally down reveals that roughly half of the next four cohorts (ranging from 47 9% to 51 9%) earnings that also reached the maximum threshold in the first post-VR quarter Moving threshold in later quarters than the one in which VR application took place. The first entry in the thresholds simultaneously threshold in the first quarter after VR application Less than half of this cohort had a level of lower earnings threshold in the first quarter after VR application) reached the higher earnings second row reveals that 694 persons (or the aforementioned 79.9% of the 869 who reached the Subsequent row entries pertain to those persons who reached the \$255 minimum earnings This percentage in the first

only one fourth (10 persons) ever achieved the initial threshold. Table 5 reveals that only two of of the 173 VR applicants in FY 2000 who were verified as SSI-only recipients with mental illness application and the other in the second quarter after application Similarly, Table 3 reveals that 93 these ten also achieved the \$1,339 threshold - one already had reached it in the quarter of 2 that of the 40 members of the comparison group of applicants who did not get VR services, are presented in Tables 5 and 6 (and also on pages 36 and 37 in Appendix C). Recall from Table VR treatment status. The information on those persons receiving SSI and having a mental illness These earnings paths are further stratified by SSA status, primary impairment classification, and Percentage of Persons on SSI with Mental Illness Reaching the Maximum Earnings Threshold

second earnings tier threshold in that quarter or at some point in the next three years possible for 100% of this group to reach the maximum threshold before the 12th quarter, as threshold of \$255 in the first possible quarter (i e, the quarter of application) and then reached the evidenced by the cohort reaching the minimum threshold in the fifth quarter 'Recall that to be included in this row entry a person had to have achieved the minimum

and received VR services (i.e., treatment group) achieved the first earnings threshold. Table 5 indicates that just over half (47 of the 93) went on to reach the \$1,339 threshold at some point in the 13-quarter interval

achieved the higher earnings tier (i e, the \$1339) by this quarter. It does not present the level of It must be re-emphasized that this table only presents the percentage having earnings that have different times, even though everyone had, at some quarter, exceeded the second earnings tier that this presentation does not mix the earnings of those who reached the earnings thresholds at lower earnings in subsequent periods. They may also have higher average earnings. The point is \$1,339, the average earnings for those who achieved the threshold in an earlier quarter may have earnings for those who reached the threshold in that quarter would, by definition, have to exceed particular quarter, as well as those who had reached it in an earlier quarter While the average earnings This is because it would be a mixture of those who achieved the threshold in that

the Maximum Earnings Threshold at Least Two Quarters after VR Application Appendix C contains a table which includes the earnings paths for every one of 1,550 individuals Examining the Individual Earnings of Persons with Mental Illness on the SSI Rolls who Reached

who did not reach the minimum earnings threshold until at least the second quarter after VR application and yet did subsequently reach the higher earnings threshold of \$1,339. This print-out is stratified by verified SSA status, primary disability classification, and treatment status. It quarter in which the threshold was initially reached are set to " " visual examination all earnings that are below the minimum threshold of \$255 that occur prior to provides individual earnings in the second through 12th post-VR application quarter. For ease of

fourth persons in the comparison group did not have earnings exceeding the minimum threshold of \$255 until the eighth quarter Not counting these quarters, there are 32 quarters with earnings earnings exceed the \$1,339 maximum earnings threshold in 11 quarters -- less than one-third of zero earnings for at least one quarter after achieving the maximum earnings threshold Overall half of these quarters (20 out of 32) have zero reported earnings. Moreover, each person had that could potentially exceed the maximum earnings threshold for these four persons More than presented first for the comparison group and then the treatment group. Note that the third and Table 7 provides these earnings paths for the same cohort of SSI recipients with mental illness,

periods) quarters that could potentially also exceed the threshold. Two of these 11 people are exceed \$255 in this quarter This group will then have 121 (11 people times 11 quarterly time treatment group reached this earnings level in this quarter and, by definition, have earnings that could not reach the minimum threshold until the second quarter. The first 11 individuals in the earnings threshold Recall that one of the criteria used for selection in this table is that earnings having attained the minimum earnings threshold and also at some point attained the maximum - more than one-third of the potential time - after the minimum threshold has been attained employed in each quarter However, there are 41 quarters where there is zero reported earnings -There are 33 individuals in the treatment group of persons with mental illness on the SSI rolls

between the two thresholds. This leaves only 48 quarters, roughly 40% of the potential time, threshold of \$255. There are 28 quarters, about one-quarter of the time, where earnings are in where individuals earned above the maximum threshold There are another four quarters with earnings that are positive, but fall below the minimum

these people only reached the maximum threshold in the last quarters possible (i.e., the last two individuals had earnings that always stayed above the maximum threshold However, two of zero earnings are reported and six quarters with positive earnings but that have fallen below the accordingly designated with zeroes) Once this minimum is attained there are 39 quarters where earnings these individuals may have had did not exceed the minimum threshold of \$255 (and are quarter, two in the 11th quarter, and one in the 12th quarter four reached it in the fifth quarter, four in the sixth quarter, three in the seventh, one in the eight seven persons did not reach the minimum threshold until the third quarter after VR application, 77 quarters where earnings are greater than the maximum threshold of \$1339 Three of the \$255 minimum possible 242, or roughly one-third of the potential quarters, where any initial post-VR application Of the other 22 individuals achieving both thresholds at some point, the first column indicates that There are 36 quarters where earnings were between the two thresholds, leaving This results in 84 quarters out of a

they are below the threshold reported earnings subsequent to the quarter in which they reach the minimum earnings threshold reported as "" in the table) Another 22% of the time (or 80 quarters) the treatment group has no application earnings that do not "trigger" the minimum threshold binary (i.e., below \$255 and are reveals that in 23% of the potential employment time (84 quarters) there are initially post-VR A summary of the 363 post-VR quarters for these 33 individuals in the SSI/MI treatment cohort the time Finally, earnings exceed the maximum threshold in 34% of the quarters In another 3% of the potential time (10 quarters) there are some earnings reported but Earnings lie between the two thresholds some 18% (64 quarters) of

Minimum Tier but not the Maximum Tier Section 3 - Examining the Earnings Paths of DRS Applicants whose Earnings Exceeded the

any of the 13 quarters comprising the VR application quarter and the three subsequent years; and Specifically, this targeted group consists of those persons who: 1) had earnings exceeding \$255 in who achieved the minimum earnings threshold but did not attain the maximum earnings tier 2) did not have earnings exceeding \$1,339 in any of the 13 quarters There is one last group's employment pattern that is of interest to DMAS/DRS - those individuals

subsequent quarter, plummeting to less than 15% by the 12th quarter after VR application. The amount of earnings, for those who worked at all, also diminishes from the peak of \$658 in the first of \$255 The first row provides the earnings patterns for the roughly 30% (332 out of 1,140) of more than half are employed in the subsequent quarter. There is a further drop-off in each application and never exceeded the maximum threshold in that or any of the proceeding 12 the cohort of DRS applicants who had attained the minimum earnings tier in the quarter of VR quarter, depending on when the individual first had earnings exceeding the minimum earnings tier 8 provides the employment rates (i.e., percentage with earnings) and levels of earnings in each The format of Tables 8-10 is identical to those presented in Tables 1-3 (and Appendix A) Table The quarterly earnings in the following 12 quarters range from \$482-\$583 There is a precipitous decline in the employment rates for this group. Only slightly

decline throughout the remaining quarters that comprise the post-VR period In each of the first steep decline in the employment rate in the following quarter, dropping from 100% to a range the 12 post-VR-application quarters) demonstrate remarkably similar patterns. There is always a nine groups the employment rate in the 12th quarter is less than one-third anywhere from 53 8% to 66 7% Employment rates in the subsequent quarters almost universally The employment rates for persons attaining the minimum earnings tier in subsequent periods (i

minimum earnings tier is attained Earnings then decline slightly in seven of the 11 groups. The range of earnings lies between \$311 and \$722, which both occurred in the 10th post-VR quarter diagonal reveals a level of earnings almost uniformly \$600 in the first quarter in which the The pattern of earnings levels are also virtually identical for these groups. Moving down the first

stratified by whether they didn't receive (i e, the comparison group) or did receive (i e, the treatment group) VR services, respectively Table 9 indicates there are only eight persons in the quarter of VR application Four others achieved the \$255 threshold in the first post-VR quarter comparison group, two of whom already had achieved the minimum tier of earnings during the Tables 9 and 10 provide the same information for the cohort with mental illness who receive SSI,

differ significantly from those of the entire VR applicant cohort Employment rates generally drop \$1,339 precipitously. The level of earnings are never close to exceeding the maximum threshold of The employment rates and earnings levels for the treatment group provided in Table 10 do not Indeed, in only three of the 91 quarters do earnings exceed \$1,000

Table 1: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000

Cohort: All Cases (n = 8,898 of which 2,674 never exceeded \$255)

[N]	,	5	9	∞	7	6	S	4.	w	2	Bellet.	App	1st Qtr >\$255
58	76	73	87	107	104	173	199	254	431	621	869	3,172	# Cases
Pct with Earnings Mean (if any)													
												100.0% \$2,305	App. Otr.
											100.0% \$1,500	84.5% \$2,630	151
										100.0% \$1,529	80.4% \$2,267	78.6% \$2,818	2nd
									100.0% \$1,411	80.8% \$2,042	71.5% \$2.469	75.6% \$2,953	3rd
								100.0% \$1,445	79.1% \$1,921	67.8% \$2,289	65.8% \$2,491	72.8% \$3,105	4th
							100.0% \$1,398	81.5% \$1,915	65.0% \$2,225	63.3% \$2,358	63.8% \$2,648	70.5% \$3,139	Ou 5th
						100.0% \$1,262	79.4% \$2,038	63.0% \$2,198	62.6% \$2,280	63.8% \$2,397	61.2% \$2,706	68.9% \$3,243	Ouarter after Application 6th 7th 8th
					100.0% \$1,226	75.1% \$1,844	69.8% \$2,270	57.9% \$2,139	58.0% \$2,426	58.3% \$2,467	58.9% \$2,809	66.6% \$3,331	r Applic 7th
				100.0% \$1,404	82.7% \$2,009	65.3% \$2,088	64.3% \$2,353	56 ₋ 3% \$2,325	55.7% \$2,553	56.2% \$2,475	57.0% \$2,730	65.4% \$3,343	ation 8th
			100.0% \$1,393	79.4% \$2,119	69.2% \$2,000	58.4% \$2,233	60.8% \$2,532	52.8% \$2,237	52.2% \$2,508	54.3% \$2,702	56.8% \$2,776	63.7% \$3,388	9th
		100.0% \$2,065	71.3% \$1,927	71.0% \$2,312	60.6% \$2,079	63.0% \$2,267	60.8% \$2,508	52.0% \$2,097	54.5% \$2,673	52.7% \$2,695	54.2% \$2,971	61.2% \$3,473	
	100.0% \$1,589	82.2% \$2,465	58.6% \$1,878	67.3% \$2,357	58.7% \$2,409	54.3% \$2,531	56.8% \$2,779	49.2% \$2,106	50.8% \$2,781	48.8% \$2,844	51.1% \$2,955	59.8% \$3,548	114
100.0% \$1,576	78.9% \$2,045	61.6% \$2,776	48.3% \$1,955	61.7% \$2,734	51.9% \$2,668	55.5% \$2,638	53,8% \$2,682	43.7% \$2,572	48.7% \$2,791	47.5% \$2,796	51.7% \$3,039	58.3% \$3,573	12th

Table 2: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000

Cohort: SSI Recipient; Mental Illness; Comparison Group (n = 40 of whom 30 never exceeded \$255)

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Mean (if any) Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any) Pct with Farmings	Pct with Earnings Mean (if any)	THE PROPERTY OF THE PROPERTY O									
											100.0% \$967	Otr.
										100.0% \$685	100.0% \$597	App. (
									100.0% \$870	50.0% \$335	33.3% \$790	<u>Juarter :</u> 2nd
									100.0% \$1,950	75.0% \$173	33.3% \$570	Ouarter after Application 2nd 3rd 4th
									0.0%	25.0% \$280	33.3% \$80	lication 4th
						100.0% \$530			0.0%	25.0% \$490	33.3% \$1,690	5th
						100.0% \$1,030			0.0%	50.0% \$600	33.3% \$990	6th
						100.0% \$950			0.0%	50.0% \$615	66.7% \$775	7th
						100.0% 100.0% \$950 \$200			0.0%	50.0% \$550	66.7% 66.7% \$1,780 \$1,970	8th
						0.0%			0.0%	25.0% \$220		9th
	100.0% \$390					0.0%			0.0%	50.0% \$120	66.7% \$2,015	10th
	100.0% 100.0% 100.0% \$390 \$490 \$520					0.0% 100.0% 100.0% \$450 \$130			0.0%	50.0% \$95	33.3% \$3,510	11th
	\$520					\$130 \$130			0.0%	50.0% \$270	33.3% \$4,090	12th

Table 3: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000

Cohort: SSI Recipient; Mental Illness; Treatment Group (n = 173 of whom 80 never exceeded \$255)

- معیدید معیدید	9	œ	7	6	(A	4	ديرا	2	***************************************	App	1st >\$255
w	2000 -	ω	2	7	6	e e e e e e e e e e e e e e e e e e e	13	<u></u>	18	28	Qtr
Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)				
										100.0% \$7 91	Otr.
									100.0% \$935	78.6% \$1,084	App. 1st
								100.0% \$730	83.3% \$1,262	71.4% \$1,067	Ouarter after Application 2nd 3rd 4th
							100.0% \$882	63.6% \$677	66.7% \$1,181	67.9% \$1,231	after App
					D	100.0% \$760	69.2% \$926	54.5% \$467	55.6% \$1,366	60.7% \$1,318	dth
					100.0% \$840	0.0%	76.9% \$1,350	27.3% \$1,037	50.0% \$1,360	57.1% \$1,160	5h
				100.0% \$1,364	83.3% \$1,334	0.0% 100.0% \$240	76.9% \$1,058	27.3% \$847	61.1% \$1,468	60.7% \$1,075	6th
			100.0% \$1,440	71.4% \$798	50.0% \$710	0.0%	76.9%. 53.8% \$1,058 \$1,696	27.3% \$1,607	55.6% \$1,695	50.0% \$1,054	7th
		100.0% 100.0% \$767 \$507	100.0% \$1,555	42.9% \$1,470	50.0% \$687	0.0%	46.2% \$1,915	45.5% \$886	55.6% \$1,638	50.0% \$841	8th
	100.0% \$790	100.0% \$507	100.0% \$1,430	57.1% \$2,345	16.7% \$2.040	0.0%	46.2% \$1,637	45.5% \$752	50.0% \$1.898	53.6% \$784	911
	100.0% 100.0% \$1,050 \$690	66.7% \$580	100.0% \$1,620	71.4% \$1,630	16.7% \$1,970	0.0% 100.0% 100.0% \$360 \$1,080	53.8% 46.2% \$1,570 \$1,167	27.3% \$1,323	44.4% \$2,133	50.0% \$785	10th
100.0% \$1,383	100.0% \$690	33.3% \$630	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% \$1,440 \$1,555 \$1,430 \$1,620 \$1,410 \$2,880	57.1% \$2,145	16.7% \$1,880	100.0% \$1,080	46.2% \$1,167	45.5% \$568	50.0% \$2,220	50.0% \$992	
100.0% \$2,443	0.0%	33.3% \$200	100.0% \$2,880	57.1% \$2,348	16.7% \$1,950	100.0% \$510	30.8% \$1,795	27.3% \$1,173	50.0% \$2,979	42.9% \$1,088	12th

Table 4: Individuals Who Have Reached \$1,339 Quarterly Earnings by the Indicated Quarter as a Percent of DRS Applicants from Fiscal Year 2000 Who Reached \$1,339 Within 12 Quarters of Application

Cohort: All Cases (n = 5,084 Reaching \$1,339)

12	r	10	9	∞	7	6	Lh	4	w	2		0	1st Qtr >\$255
24	46	49	48	70	78	119	140	187	319	470	694	2,840	# Cases
												63.8%	App. Otr.
											49.0%	79.0%	1st
										51.9%	73.2%	85.0%	2nd
									50.5%	75.1%	82.6%	89.3%	3rd
								47.6%	75.9%	83.6%	86.6%	91.9%	46
							47.9%	76.5%	83.1%	86.2%	90.9%	94.0%	Quart 5th
						38.7%	79.3%	84.5%	86.8%	89.6%	92.9%	95.8%	Quarter after Application 5th 6th 7th
					46.2%	70.6%	87.1%	88.2%	89.7%	93.0%	94.8%	97.1%	pplication 7th
				55.7%	76.9%	82.4%	92.1%	92.5%		94.9%	96.0%	98.2%	8th
			64.6%	88.6%	89.7%	89.1%		96.8%	92.8% 94.7% 97.5% 98.4% 100.0%	96.2%	97.0%	98.6%	9th
		67.3%	89.6%	90.0%	93.6%	92.4%	97.1%	97.3%	97.5%	97.9%	98.3%		10th
	71.7%	67.3% 93.9% 100.0%	93.8%	95.7% 100.0%	96.2% 100.0%	98.3% 100.0%	95.7% 97.1% 100.0% 100.0%	97.3% 97.9% 100.0%	98.4%	99.4% 100.0%	99.4%	99.1% 99.6% 100.0%	
100.0%	71.7% 100.0%	100.0%	93.8% 100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.4% 100.0%	100.0%	12th

Table 5: Individuals Who Have Reached \$1,339 Quarterly Earnings by the Indicated Quarter as a Percent of DRS Applicants from Fiscal Year 2000 Who Reached \$1,339 Within 12 Quarters of Application

Cohort: SSI Recipient; Mental Illness; Comparison Group (n = 2)

12	period parent	10	9	∞	7	6	Ç,	4	بيا	2	Secured.	0	1st Qtr >\$255
0	0	0	0	0	0	0	0	0	0	Cressed	0	ا سمو	# Cases
												0.0%	App. Otr.
												0.0%	1st
										0.0%		0.0%	2nd
										100.0%		0.0%	3rd
										100.0%		0.0%	4th
										100.0%		100.0%	Quarte 5th
										100.0%		100.0%	er after A
										100.0%		100.0%	Quarter after Application Sth 6th 7th
										100.0%		100.0%	8th
										100.0%		100.0%	9th
										100.0%		100.0%	10th
										0.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%		0.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	
										100.0%		100.0%	12th

Table 6: Individuals Who Have Reached \$1,339 Quarterly Earnings by the Indicated Quarter as a Percent of DRS Applicants from Fiscal Year 2000 Who Reached \$1,339 Within 12 Quarters of Application

Cohort: SSI Recipient; Mental Illness; Treatment Group (n = 47)

12	Ξ	10	9	œ	7	6	(A	4	نیا	2	Enricht	0	1st Qtr >\$255
0	12	0	0	0	2	4	4	0	ιλ	4	9	17	# Cases
												17.6%	App. Otr.
											33.3%	47.1%	İst
										50.0%	77.8%	58.8%	2nd
									60.0%	50.0%	77.8%	70.6%	3rd
									60.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	75.0%	77.8%	82.4%	45
							25.0%		100.0%	75.0%	88.9%	88.2%	Quarte 5th
						50.0%	75.0%		100.0%	100.0%	88.9%	88.2%	Quarter after Application 5th 6th 7th
					100.0%	50.0% 50.0% 75.0% 75.0% 75.0% 100.0% 100.0%	75.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%		100.0%	75.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	88.9%	88.2%	pplication 7th
					100.0%	75.0%	100.0%		100.0%	100.0%	88.9%	88.2%	8th
					100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	75.0%	100.0%		100.0%	100.0%	88.9%		9(h
					100.0%	75.0%	100.0%		100.0%	100.0%	88.9%	94.1%	10th
	50.0%				100.0%	100.0%	100.0%		100.0%	100.0%	88.9% 100.0% 100.0%	88.2% 94.1% 100.0% 100.0%	114
	50.0% 100.0%				100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	12th

Table 7: Earnings Stream After \$255 for Individuals Under \$255 through 1st Quarter Post-Application But Reaching \$1339 -- SSI/DI by "Verification" From Case File

12	 		. 00	7	7	- 7	. 0-	•	. 0	. 0-	· Ur	. 0	·	ı Ur	w	ы	w	(A)	u	u	ı Lui	· ~	· N	N	ı N	N	N	N		ı N	· N	N	c	D ()	~	N		770
SSI Recipient	SSI Recipient	SSI Recipient	_	SSI Recipient	SSI Recipient	-				SSI Recipient		SSI Recipient	SSI Recipient	*****	SSI Recipient		SSI Recipient	SSI Recipient	SSI Recipient	SSI Recipient	SSI Recipient		SSI Recipient	SSI Recipient	ool kedipient				SSI Recipient		SSI/DI								
Mental Illness	Mental Illness		Mental Illness	Mental Illness	Mental Illness	Mental Illness	_	Mental Illness	Mental Illness	Mental Illness	-	Hental Illness	Mental Illness	Mental Illness	Mental Illness	Hental Illness	Mental Illness	Hental Illness	Mental Illness	Hental Illness	Mental Illness	_	Mental Illness	Mental Illness	Mental Ittness	•		_	Mental Illness		Prindis								
	Treatment Group	Treatment Group	Treatment Group	Treatment Group	Treatment Group	Comparison Group	Comparison broup	Control coor in out	Comparison Group	Comparison Group		Treat																											
4	a			•		•		٨	•	٠	n	•	•		•		•	•		•	•	2410	\$ 570	\$ 560	\$1,360	\$450	\$490	\$1,780	\$810	\$1,350	\$ 730	\$1,470	đ	•	20,000	\$ 0 0 0	\$ 870		Earn2
	,	•	9	•	•	r.	•	•	•	•	•	•	,	•	\$1,440	\$570	\$440	\$1,540	\$700	\$1,060	\$550	\$280	\$180	\$950	\$250	\$1 ,300	\$1,060	\$2,660	\$2,950	\$0	\$550	\$2,000	•	r	•	.	\$1,950		Earn3
r		•			•			•	r	•		•	•	•	\$2,910	\$310	50	\$330	\$2,490	\$1, 080	\$2,070	\$ 540	\$120	\$920	5 0	\$1,460	\$1,240	\$3 , 160	\$2,870	\$ 0	\$1,410	\$1,680	•	*	40,000	\$5 BBN	\$		Earn4
ń					,	,	,	•	1	ĸ	\$1,420	\$ 540	\$1,270	\$1, 200	\$3,010	\$1,580	\$1,850	\$460	\$1,260	\$ 3,110	0175	\$4.10 10	\$ 1,230	\$1,430	\$ 0	\$1,170	\$880	\$2,180	\$1 ,680	\$ 0	\$820	%	ā		è	S	S		EarnS
,	п	r	,	a	•	г.	\$4,870	\$620	\$1,110	\$ 320	\$470	\$2,800	\$1,950	\$1,070	\$3,550	\$2,540	\$ 0	\$270	\$3, 250	\$460	\$0	\$360	\$1,420	\$1,650	\$0	\$570	\$500	\$3,030	\$0	\$0	\$2,740	\$ 0	٨	•	ŧ	ŝ	\$0		Earnó
,			^	\$1,380	\$1,500	\$1,250	\$0	\$1,150	\$1,480	\$ 90	\$0	\$3,010	50	\$1,880	\$2,670	\$2,470	\$1,850	\$840	\$3,910	\$200	\$0	\$300	\$1,280	\$1 ,500	\$ 0	\$2,850	\$0	\$2,580	\$0	\$0	\$2,710	\$0		•	ŧ	ŝ	\$		Earn7
			\$ 550	\$1,590	\$1 ,520	\$1,710	\$0	\$1,900	\$740	\$ 0	\$ 0	\$3,910	\$0	\$1 ,880	\$3,090	\$3,000	\$1,890	\$60	\$4,320	\$ 0	\$ 0	\$1,870	\$1,420	\$1,470	\$0	\$1,780	50	\$2,030	\$ 0	0.5	\$1,710	\$ 0	\$3,910	30,030		*	\$		Earn8
ſ			\$2,250	\$1,230	\$1,630	\$1,620	\$ 0	\$5,440	\$ 0	\$840	\$0	\$2,710	\$0	\$2,040	\$2,670	\$2,260	\$1,370	\$ 50	\$1,290	\$1,680	\$ 0	\$2,120	\$1,360	\$3,460	\$0	\$2,100	\$0	\$1,230	\$250	\$0	\$650	š	\$7,440	0 0	7	5	5		Earn9
		•	\$2,310	\$1,910	\$1,330	\$ 560	\$0	\$6,630	\$1,530	\$ 130	5 0	\$ 3,520	\$0	\$1,970	\$3,180	\$1,470	\$2,400	\$200	\$5,860	\$1,240	5 0	\$1,940	\$1,490	\$740	\$0	\$1,900	\$1,370	\$1,090	S 0	9	\$ 390	S 0	\$ 2,530	¥, 110		ŝ	\$ 0		Earn10
,	\$2,750	\$890	\$2,050	\$2,020	\$800	\$ 0	5 0	\$5 ,480	\$0	\$ 1,630	0 \$	\$ 3,230	\$0	\$1,880	\$2,900	\$0	\$830	\$250	\$4,750	\$ 0	5	\$2,120	\$1,230	5 0	08	\$630	\$1,840	5 0	\$0	\$0	08	\$ 0	\$7,590	\$1,760	1	•	5 0		Earn11
\$1,400	017.75	\$2,040	\$2,160	\$1,980	\$3,780	\$0	\$0	\$6,600	\$0	\$1,350	\$0	\$560	\$0	\$1,950	\$3,380	\$0	\$1 ,530	\$0	\$5,920	\$ 0	\$	\$2,150	\$1,350	\$640	\$0	50	\$1,450	\$1,150	\$0	5 0	\$0	\$0	\$0	ž	3 6	*	\$ 0		Earn12

Table 8: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000 Who Reached \$255 but NOT \$1,339 within 12 Quarters of Application

Cohort: All Cases (n = 1,140)

11 10 9 8 7 6 5 4 11 11 11 11 11 11 11 11 11 11 11 11 1		Арр	1st Qtr >\$255
1112 1112 59 54 54 26 26 39 39 30	175	332	# Cases
Mean (if any) Pct with Earnings	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	
		100.0% \$658	App. Otr.
	100.0% \$599	51.2% \$583	151
\$618	60.0% \$588	41.0% \$569	2nd
\$549 \$00.0% \$642	46.3% \$525	35.2% \$574	3rd
\$43.7% \$442 \$8.9% \$593 100.0% \$662	36.0% \$487	31.6% \$489	#
\$439 \$439 \$541 65.7% \$587 100.0% \$604	28.6% \$509	25.9% \$496	Qu 5th
\$33.1% \$462 39.3% \$507 40.3% \$526 66.1% \$633 100.0% \$566	22.9% \$509	23.5% \$526	arter afte
\$426 \$426 \$484 \$486 \$486 \$486 \$522 \$9.3% \$428 100.0% \$540	22.9% \$556	23.2% \$560	Ouarter after Application 6th 7th 8th
25.8% \$449 25.0% \$638 26.9% \$502 35.6% \$446 40.7% \$387 65.4% \$576 100.0% \$624	22.9% \$525	21.7% \$495	ation 8th
22.5% \$406 25.9% \$616 19.4% \$528 33.9% \$510 35.2% \$418 34.6% \$35.4 \$35.4 \$35.4 \$635 100.0%	20.0% \$506	18.4% \$496	9th
21.9% \$464 24.1% \$441 22.4% \$465 \$465 27.1% \$601 33.3% \$409 26.9% \$311 54.1% \$521 53.8% \$722 1100.0%	21.1% \$488	19.3% \$498	10th
\$413 23.2% \$478 17.9% \$553 28.8% \$524 24.1% \$412 34.6% \$532 37.8% \$532 37.8% \$532 37.8% \$532 37.8% \$548 100.0%	16.6% \$592	15.7% \$561	
\$484 \$484 23.2% \$489 14.9% \$636 20.3% \$633 27.8% \$475 26.9% \$629 32.4% \$660 23.1% \$528 45.8% \$614 66.7% \$477 100.0%	18.3% \$611	14.8% \$482	12th

Table 9: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000 Who Reached \$255 but NOT \$1,339 within 12 Quarters of Application

Cohort: SSI Recipient; Mental Illness; Comparison Group (n = 8)

12	_	10	9	∞	7	6	(A	4	u	2	-	App	1st Qtr >\$255
0	0	p.u.e	0	0	0	0		0	0	0	4	2	# Cases
Mean (if any) Pct with Earnings Mean (if any)	Pct with Earnings	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)						
												100.0% \$940	App. Otr.
											100.0% \$685	100.0% \$650	1st
											50.0% \$335	50.0% \$790	2nd
											75.0% \$173	50.0% \$570	3rd
											25.0% \$280	50.0% \$80	4th
							\$530				25.0% \$490	0.0%	Qu 5th
	7 .						100.0% \$1,030				50.0% \$600	0.0%	Quarter after 6th
							100.0% 100.0% 100.0% \$1,030 \$950 \$200				50.0% \$615	50.0% \$200	er Application 7th 8th
							100.0% \$200				50.0% \$550	50.0% \$240	ation 8th
							0.0%				25.0% \$220	50.0% \$460	9th
	,	100.0% \$390					0.0%				50.0% \$120	50.0% \$80	10th
	;	100.0% 100.0% \$490 \$520					0.0% 100.0% 100.0% \$450 \$130				50.0% \$95	0.0%	
	1	100.0% \$520					100.0% \$130				50.0% \$270	0.0%	12th

Table 10: Employment History Dating from the Quarter Earnings First Exceeded \$255 for DRS Applicants from Fiscal Year 2000
Who Reached \$255 but NOT \$1,339 within 12 Quarters of Application

Cohort: SSI Recipient; Mental Illness; Treatment Group (n = 46)

12	\$	10	9	œ	7	6	S	4	فرا	2		App	1st Qtr >\$255
0	*****	0		ω	0	ديا	2	_	œ	7	9		Cases
Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	Pct with Earnings Mean (if any)	
												100.0% \$527	App. Otr.
											100.0% \$577	63.6% \$539	İst
										100.0% \$613	88.9% \$369	54.5% \$717	2nd
									100.0% \$743	71.4% \$652	44.4% \$465	54.5% \$408	3rd
								100.0% \$760	62.5% \$626	57.1% \$305	33.3% \$553	27.3% \$477	4th
							100.0% \$280	0.0%	62.5% \$658	14.3% \$710	33.3% \$420	27.3% \$263	Ou Sth
						100.0% \$577	50.0% \$1,040	100.0% \$240	75.0% \$432	14.3% \$550	33.3% \$540	27.3% \$597	Quarter after Application 6th 7th 8th
						66.7% \$245	50.0% \$100	0.0%	25.0% \$640	14.3% \$690	33.3% \$540	27.3% \$730	r Applic
				100.0% 100.0% \$767 \$507		33.3% \$270	50.0% \$160	0.0%	12.5% \$170	28.6% \$580	33.3% \$620	27.3% \$667	ation 8th
			100.0% \$790			33.3% \$310	0.0%	0.0%	12.5% \$270	28.6% \$120	33.3% \$677	27.3% \$550	9th
			100.0% 100.0% 100.0% \$790 \$1,050 \$690	66.7% \$580		66.7% \$575	0.0%	0.0% 100.0% \$360	25.0% \$855	14.3% \$580	33.3% \$460	36.4% \$578	10th
	100.0% ·100.0%		100.0% %0.001	33.3% \$630		66.7% \$735	0.0%	100.0% \$1,080	37.5% \$363	28.6% \$395	33.3% \$787	36.4% \$600	1111
	100.0% %0.001		0.0%	33.3% \$200		66.7% \$720	0.0%	100.0% \$510	25.0% \$755	14.3% \$240	33.3% \$900	36.4% \$695	12th